



Atlantic Coast of New York, Jones Inlet to East Rockaway Inlet Long Beach Island, New York

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

DESCRIPTION

December 2011

The project area is located on the south shore of Long Island from Jones Inlet to East Rockaway Inlet and consists of approximately 9 miles of oceanfront. The area has been subject to major flooding during storms, causing damage to structures located along the barrier island. A historical low height and narrow width of the beach front has increased the potential for storm damage. Damaging storms have occurred in 1938, 1950, 1953, 1960, 1962, 1984, 1991, and 1992. In September 1960, Hurricane Donna forced the evacuation of over 300 families. A recurrence of a storm of this magnitude would result in approximately in significant damages. The proposed project would provide coastal storm damage risk reduction to the highly developed communities that are subject to direct wave attack and inundation during major storms and hurricanes. The recommended plan in the 1995 Feasibility Report would provide protection against a 100-year storm event for 7 of the 9 miles of public shoreline between Jones Inlet and East Rockaway Inlet, including the communities of Point Lookout, Lido Beach, and the City of Long Beach. The recommended plan included the potential construction of a 110 foot wide protective berm at an elevation of 10 feet above sea level backed by a 25 foot wide dune system at an elevation of 15 feet above sea level. It also includes the rehabilitation of sixteen existing groins in the City of Long Beach and the construction of four new groins at the eastern end of the island in the Town of Hempstead. In addition, the project includes periodic nourishment of the restored beaches for 50 years.

AUTHORIZATION

The feasibility study was conducted pursuant to a resolution by the Committee on Public Works and Transportation of the U.S. House of Representatives adopted October 1, 1986. Project construction was authorized by the Water Resources Development Act of 1996.

STATUS

A project feasibility report was completed in February 1995 and the Preconstruction, Engineering, and Design phase was completed in September 1997. However, the non-Federal sponsor, the New York State Department of Environmental Conservation (NYSDEC), requested that the Corps of Engineers reanalyze the area between the proposed new groins and existing groin field in the City of Long Beach before starting any construction. The study would utilize new modeling techniques that were unavailable during the feasibility study, in order to finalize the groin field design. A Limited Reevaluation Report (LRR) and Environmental Assessment (EA) were initiated in 2005 however local interests withdrew support from the project until 2010, upon which the LRR process was re-started at the request of the local sponsors. The LRR requirement is to reanalyze the project with new data and confirm assumptions made by the 1995 authorized plan. Federal funds are being used to analyze the borrow area, analyze storm beach model effects, and update economic and environmental data to determine a final recommended plan of improvement, in cooperation with the NYSDEC, City of Long Beach, Town of Hempstead and Nassau County. Upon approval of the LRR/EA by all parties, and completion of plans and specifications, the project's construction could be initiated, subject to the availability of funds and the execution of a Project Partnership Agreement between the Corps of Engineers and the NYSDEC.

CONTACT

John Beldin-Quinones, Project Manager

Phone: (917) 790-8242

U.S. Army Corps of Engineers, New York District

Programs and Project Management Division, Civil Works Programs Branch

26 Federal Plaza, Room 2127, New York, NY 10279-0090

john.a.beldin-quinones@usace.army.mil

CONGRESSIONAL DISTRICTS: NY-03

U.S. ARMY CORPS OF ENGINEERS – NEW YORK DISTRICT

26 Federal Plaza, New York, NY 10278-0090

www.nan.usace.army.mil